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CLAIMS

1. (Amended) A crosslinkable elastomer composition comprising a crosslinkable elastomer (excluding a fluoro silicone rubber) component and ultra fine powders of silicon oxide; said ultra fine powders of silicon oxide have 100×10^{19} or less hydroxyl groups per gram on surfaces thereof and an average particle size of not more than $0.5 \mu\text{m}$.

2. (Amended) A crosslinkable elastomer composition comprising a crosslinkable elastomer (excluding a fluoro silicone rubber) component and ultra fine powders of silicon oxide; said ultra fine powders of silicon oxide have dioctylphthalate adsorption of not more than $8 \mu\text{g}$ per 1 g of silicon oxide and an average particle size of not more than $0.5 \mu\text{m}$.

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3. The crosslinkable elastomer composition of Claim 1 or 2, wherein an average particle size of the ultra fine powders of silicon oxide is from 0.01 to $0.05 \mu\text{m}$.

4. The crosslinkable elastomer composition of any of Claims 1 to 3, wherein the ultra fine powders of silicon oxide are an amorphous silica.

5. The crosslinkable elastomer composition of any of Claims 1 to 3, wherein the ultra fine powders of silicon oxide are surface-treated with hydrofluoric acid.

6. The crosslinkable elastomer composition of any of Claims

1 to 3, wherein the ultra fine powders of silicon oxide are surface-treated with a silane coupling agent.

5 7. The crosslinkable elastomer composition of any of Claims 1 to 3, wherein the ultra fine powders of silicon oxide are heat-treated at high temperature of not less than 400°C in an inert gas stream.

10 8. The crosslinkable elastomer composition of any of Claims 1 to 7 which comprises 1 to 150 parts by weight of said ultra fine powders of silicon oxide on the basis of 100 parts by weight of the crosslinkable elastomer component.

15 9. The crosslinkable elastomer composition of any of Claims 1 to 8 which comprises 0.05 to 10 parts by weight of an organic peroxide, 0.1 to 10 parts by weight of a crosslinking aid and 1 to 150 parts by weight of said ultra fine powders of silicon oxide on the basis of 100 parts by weight of the crosslinkable elastomer component.

20 10. The crosslinkable elastomer composition of any of Claims 1 to 9, wherein the crosslinkable elastomer component is a fluorine-containing elastomer.

11. The crosslinkable elastomer composition of Claim 10, wherein the fluorine-containing elastomer is a perfluoro elastomer.

25 12. A molded article obtained by crosslinking and molding the crosslinkable elastomer composition of any of Claims 1 to 11.

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13. The molded article of Claim 12, wherein an amount of dioctylphthalate gas to be generated when heating at 200°C for 15 minutes is not more than 3 ppb.

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14. The molded article of Claim 12 or 13 which is used for semiconductor production apparatuses.

15. The molded article of Claim 14 which is a sealing material to be used for sealing of semiconductor production
10 apparatuses.

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